REMARKS

Claims 1-9 and 12-14 remain in this application. Claims 10, 11, and 15-28 are canceled, and new claims 29 and 30 are added. Reconsideration of the application is requested.

Certain informalities in the specification are eliminated by the amendments made above.

The rejection set forth in section 2 on page 2 of the Office Action is moot as a result of cancellation of claims 10 and 11.

Claim 1 was rejected, along with dependent claims 2-14, as being unpatentable over U.S. Patent 3,000,772 to Lunn in view of U.S. Patent 3,950,204 to Williams. Reconsideration is requested. It is respectfully submitted that the Lunn and Williams patents, considered as a whole, do not suggest the subject matter of either claim 1 or any of the claims now depending thereon. Nothing suggests employing a low pressure thin film microwave component bonding technique such as that forming the subject matter of the Williams patent to produce the nonmetallic armor forming the subject matter of the Lunn patent.

The present invention relates to production of fiber reinforced products. Layers of polymer/resin and semi-finished fiber reinforced products exist only in an intermediate production method step, and it is not obvious to employ the use of an adhesive film in the claimed production method.

According to the present invention, the claimed local recesses reduce shearing stress between layers. This feature is reflected in claim 1 and is not suggested by the Williams patent. In the components represented in Figures 1 and 2 of the Williams patent, dielectric 22 and metallic surface 24 may have slots 26, and slots 38 can be pre-cut from film 34 and paper 36 so that no adhesive film 34 bridges slots on the front face plate section 14. Apertures 28 and 30, referred to in lines 33-39 in column 2 of the Williams patent, serve to align front and rear sections 14 and 12. Nothing in the Williams patent suggests shearing stress reduction through the use of local recesses in the context of the armor disclosed by the Lunn patent. The use of adhesive film 34 with ~~backing paper~~ 36 to bond two metallic surfaces

together in the Williams method is also not comparable to using polymer layers in the manner recited by claim 1 before curing individual profile parts as specified.

It is respectfully submitted that the Lunn and Williams disclosures, considered as a whole, fail to suggest a method for producing preforms from fiber composite semi-finished products and polymer comprising the particular "alternately placing", "forming", and "curing" operations specified by claim 1. Claim 1 as amended above is patentable, and reconsideration of the rejection of claim 1 based on the Lunn and Williams patents is again requested. The rest of the claims remaining in and added to this application incorporate the limitations of claim 1 and are patentable as well.

This application is now in condition for allowance. Should the Examiner have any questions after considering this Reply, the Examiner is invited to telephone the undersigned attorney.

Respectfully submitted,

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